

REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2018-11 District 5 Routine Inspections for the Ohio River Bridges Project

This document constitutes a Request for Proposals for Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

A consultant will be selected to conduct complete NBI/Routine/Element Level Inspections for forty-three (43) bridges built as part of the Ohio River Bridges Project in downtown Louisville, KY from calendar year 2018 to 2021.

Group 1

056T00934N	RAMP TO I-71 NB OVER I-64 WB, RAMPS TO I-64 & I-65
056T00935N	RAMP FROM I-71 SB TO I-65 OVER I-64 WB
056T00937N	RAMP FROM STORY AVE (US 42 WB) TO I-65 OVER I-64 WB
056T00938L	I-64 WB OVER STORY AVE (US 42 WB)
056T00939L	I-64 WB OVER MELLWOOD AVE (US 42 EB) & BEARGRASS CREEK
056T00940N	I-71 OVER FRANKFORT AVE
056T00941L	KY 841 WB OVER HARRODS CREEK & RIVER RD
056T00941R	KY 841 EB OVER HARRODS CREEK & RIVER RD
056T00942N	RAMP FROM KY 841 EB TO US 42 OVER KY 841
056T00943N	WOLF PEN BRANCH RD OVER KY 841

Group 2

056T00901L	I-65 SB & RAMP OVER FLOYD ST
056T00902L	I-65 SB & RAMP OVER LIBERTY ST
056T00903N	RAMP FROM LIBERTY ST TO I-65 NB OVER LIBERTY ST
056T00904N	I-65 & RAMPS OVER PRESTON ST (KY 61 SB) & JEFFERSON ST
056T00905N	I-65 & RAMPS OVER JACKSON ST (KY 61 NB)
056T00906N	I-65 & RAMPS OVER MARKET ST (US 31E NB)
056T00930N	RAMP FROM I-65 TO I-64 EB OVER WITHERSPOON, CSX RR & RAMPS
056T00931N	RAMP TO I-64 EB & I-71 NB OVER WITHERSPOON ST & CSX RR
056T00932N	RAMP FROM I-64 WB TO I-65 OVER WITHERSPOON ST & CSX RR
056T00933N	I-64 WB & RAMP TO I-65 OVER WITHERSPOON ST & CSX RR

Group 3

056T00907N	I-65 SB RAMPS OVER MAIN ST (US 31E SB) & FLOODWALL
056T00908L	I-65 SB OVER MAIN ST (US 31E SB) & FLOODWALL
056T00908R	I-65 NB OVER MAIN ST (US 31E SB) & FLOODWALL
056T00909N	I-65 NB RAMPS OVER MAIN ST (US 31E SB) & FLOODWALL
056T00910N	I-65 SB RAMP OVER I-64 EB, RAMPS & WITHERSPOON ST
056T00911N	I-65 NB RAMP OVER HANCOCK ST
056T00912N	I-65 SB RAMP FROM I-64 & I-71 OVER I-64 EB, RAMP & WITHERSPOON
056T00915N	I-65 NB RAMP OVER WITHERSPOON ST

056T00916N I-65 NB RAMP TO I-64 WB OVER I-64 EB, RAMPS & WITHERSPOON ST
056T00917N I-65 NB RAMP TO I-65 NB OVER I-64 EB, RAMPS & WITHERSPOON ST
056T00920N RAMP FR I-65 NB TO I-64 WB OVER RAMP FR I-64 & I-71 TO I-65 SB

Group 4

056T00913L I-65 SB OVER I-64 EB, RAMPS & WITHERSPOON ST
056T00914R I-65 NB OVER I-64 EB, RAMPS & WITHERSPOON ST
056T00918N RAMP FROM I-65 SB TO I-64 EB & I-71 NB OVER I-64 EB & RAMPS
056T00921N RAMP FROM I-65 SB TO I-64 WB OVER I-64 WB
056T00922N RAMP FROM I-65 SB TO I-64 EB & I-71 NB OVER I-64 WB, I-65 SB RAMP
056T00923L I-65 SB OVER I-64 WB & I-65 SB RAMP
056T00924R I-65 NB OVER I-64 WB & I-65 SB RAMP
056T00925N RAMP FROM I-64 EB TO I-65 NB OVER I-64 WB & RAMPS TO I-65 SB
056T00926N RAMP FROM I-64 & I-71 TO I-65 NB OVER I-64 WB & RAMPS TO I-65 SB
056T00927L I-65 SB & RAMPS OVER RIVER RD (KENNEDY APPROACH)
056T00928R I-65 NB & RAMPS OVER RIVER RD (LINCOLN APPROACH)
056T00929N RAMP FROM I-65 SB TO I-71 NB OVER WITHERSPOON ST & CSX RR

II. PROJECT INFORMATION

Project Manager – Natalie House-Lewis, P.E.
User Division – Maintenance
Approximate Fee – \$220,000 Total ~~per Group~~
Contracting Method – Cost Plus a Fixed Fee
Project Funding – Federal Funds

III. PURPOSE AND NEED

To ensure the continued safety and structural capacity of bridges utilized by the traveling public by providing NBI/Routine/Element Level Inspections, which are mandated by the FHWA and shall be performed in accordance with the National Bridge Inspection Standards. Reports are filed with the Division of Maintenance as well as recorded electronically. Copies of reports are also shared with District 5 personnel. Reports are used to determine necessary repairs, plus allow for KYTC to prepare a budget for future years and share that information with other states.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

Conduct a complete NBI/Routine/Element Level Inspection as defined by the AASHTO Manual for Bridge Element Inspection. Confirm previously collected SI&A data that is tabulated in the Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges (December 1995). Prepare the required report using AASHTOWare Bridge Management (BrM) software provided by KYTC. Compile a photo document of each inspection in pdf format using Adobe Photoshop Elements 12 or equivalent. Submit reports containing inspection data, bridge elements plus photos to the District 5 Bridge Engineer for approval. The Contractor agrees to perform the required services in a professional and skillful manner as well as to comply with the terms, provisions and conditions of this contract. Any serious defect discovered will be immediately reported to the District 5 Bridge Engineer.

- a. The Contractor will be required to maintain a daily log documenting the hours spent reviewing bridge plans, performing bridge inspections, and inputting inspection reports in addition to the mileage used traveling from bridge to bridge.
- b. Drive time hours, mileage, and per diems will be a negotiated direct cost and are not included in the person-hours for inspection.
- c. The Contractor will maintain adequate qualified personnel to perform all required services during the life of the contract, and will only utilize personnel who meet the minimum FHWA and KYTC qualifications, for all phases of the contract (except for personnel classified as clerical).
- d. The Contractor agrees to perform all work under this contract in accordance with FHWA and KYTC requirements as outlined in National Bridge Inspection Standards, AASHTO Manual for Bridge Element Inspection, Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges (December 1995), and Kentucky Bridge Inspection Procedures Manual.
- e. The Contractor will perform routine inspections in downtown Louisville, KY for bridges built in order to reconfigure Spaghetti Junction (I-64, I-65 and I-71). The Contractor will also perform routine inspections for bridges built in order to extend the Gene Snyder Freeway (I-265) in Kentucky to the Lee Hamilton Highway (I-256) in Indiana. All bridges have been newly built as part of the Ohio River Bridges Project. All forty-three (43) bridges are over twenty feet (20') in length. Some of these bridges are flared and/or have multiple spans. Some of these bridges have different main span materials and/or main span designs. Working adjacent to interstate traffic will be required.
- f. The Contractor will not employ any person who is a regular employee of the Commonwealth of Kentucky during the life of this contract. A regular employee of the Commonwealth is defined as anyone in a permanent or temporary position.
- g. The Contractor agrees that upon request, appropriate personnel will be available to respond to FHWA or KYTC inquiries.
- h. The Contractor will be required to maintain continuing Professional Liability Insurance of an amount not less than \$250,000.00 during the life of the resulting contract and worker's compensation insurance in accordance with the requirements of KRS 45A.480 and KRS 342.
- i. KYTC will provide The Contractor with adequate copies of the bridge files, as-built plans, maps, plus past inspection reports as needed.
- j. Inspector(s) will need a computer with a minimum of a Pentium 4 processor, personal transportation, OSHA approved personal safety equipment, and a digital camera. Inspector(s) will also need proper attire as well as the necessary inspection tools and access equipment.
- k. Traffic Control, if needed, shall be negotiated at the time of the accepted work assignment. The Contractor shall be reimbursed for subcontracted traffic control if agreed upon during the negotiation of the assignment. Reimbursement for this will be treated as a pass through expense and a copy of The Subcontractors invoice must be provided before reimbursement.

VI. SPECIAL INSTRUCTIONS

Should the need arise and funding become available, The Department may modify the Selected Consultants Agreement to include additional bridge inspections and/or engineering services related to necessary bridge maintenance associated with this project.

Instructions for Response to Announcement can be found at:
<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

VII. PREQUALIFICATION REQUIREMENTS

To respond to this project, the proposed consultant project team must be prequalified in the following areas prior to the response due date of this advertisement.

BRIDGE MAINTENANCE SERVICES

- In-Depth Structure Inspection

STRUCTURE DESIGN

- Spans Under 500 Feet

VIII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted – May 8, 2018
- Response Date – May 30, 2018
- First Selection – June 5, 2018
- Final Selection – June 20, 2018
- Scoping Conference – June 27, 2018
- Notice to Proceed – August 16, 2018

IX. PROJECT SCHEDULE

- **FIRST INSPECTION CYCLE (2018-2019)**
 - Group 1: The Contractor agrees to complete all field work and BrM entry for Group 1 bridges in accordance with the terms of this contract within thirty (30) calendar days from the date the work order is issued. Inspection data must be entered into BrM within five (5) calendar days from the inspection date. After the review process, any necessary revisions shall be completed in order for all Group 1 bridge reports to be approved by District 5 personnel within sixty (60) calendar days from the date the work order is issued.
 - Group 2: The Contractor agrees to complete all field work and BrM entry for Group 2 bridges in accordance with the terms of this contract within ninety (90) calendar days from the date the work order is issued. Inspection data must be entered into BrM within five (5) calendar days from the inspection date. After the review process, any necessary revisions shall be completed in order for all Group 2 bridge reports to be approved by District 5 personnel within one hundred and twenty (120) calendar days from the date the work order is issued.
 - Group 3: The Contractor agrees to complete all field work and BrM entry for Group 3 bridges in accordance with the terms of this contract within one hundred and fifty (150) calendar days from the date the work order is issued. Inspection data must be entered into BrM within five (5) calendar days from the inspection date. After the review process, any necessary revisions shall be completed in order for all Group 3 bridge reports to be approved by District 5 personnel within one hundred and eighty (180) calendar days from the date the work order is issued.
 - Group 4: The Contractor agrees to complete all field work and BrM entry for Group 4 bridges in accordance with the terms of this contract within two hundred and ten (210) calendar days from the date the work order is issued. Inspection data must be entered

into BrM within five (5) calendar days from the inspection date. After the review process, any necessary revisions shall be completed in order for all Group 4 bridge reports to be approved by District 5 personnel within two hundred and forty (240) calendar days from the date the work order is issued.

- SECOND INSPECTION CYCLE (2020-2021)
 - Repeat the above sequence twenty-four (24) months from the date the work order is issued.

X. EVALUATION FACTORS

1. Experience with NBIS safety inspections. (20 points)
2. Experience with element level bridge inspections. (20 points)
3. Consultant's past performance on similar projects. (15 points)
4. Capacity to comply with procedures and schedules. (15 points)
5. In-house capability to perform the required services. (10 points)
6. Knowledge of the locality and familiarity of the general geographic area (2 points)

XI. SELECTION COMMITTEE MEMBERS

1. Natalie House-Lewis, P.E., User Division
2. Eddie House, P.E., User Division
3. Darren Back, P.E., Secretary's Pool
4. Andrew Stewart, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool